

## ABSTRACT

Electrodes disposed in rows and columns in a vest provide signals indicating the patient's heart characteristics. Each electrode is in a column different from the column locating the other electrodes.  $V_1$  and  $V_2$  electrodes are in the same row symmetrically relative to the patient's sternum on opposite sides of the sternum.  $V_4$ - $V_6$  electrodes are in different columns in the same row on the right side of the sternum.  $V_3$  electrode is between the  $V_2$  and  $V_4$  electrodes. The  $V_1$ - $V_6$  electrodes are disposed differently for patients of small, medium and large sizes. The electrodes are attached to the patient with at least a particular pressure. Amplifiers attached to the vest and connected to individual ones of the electrodes amplify heart signals, without any noise production while the patient is ambulatory, thereby providing stable heart signals.